

ABSTRACT OF THE DISCLOSURE

The invention is a method for automatically determining the dialing sequence that is required for local, local long distance, ten digit local and long distance, long distance, and international dialing from an initial dialing database that contains no information about local telephone company dialing requirements and requires no or minimal human interaction. The method contains a database for logging call attempts, failures, and successes and an analysis algorithm to determine which dialing sequences are potentially failures and which are potentially successes and which are certain successes. Data from previous dialing attempts and analysis are used to determine dialing sequences for future calls to each area code and exchange. Each area code and exchange pair is quickly optimized without the need for purchasing or maintaining a third party dialing database and without manual definition of dialing sequences.